

CLAIMS

1. A casting film which is used for producing a ceramic green sheet and which comprises a substrate film and a cured layer formed thereon of an addition reaction type silicone composition containing a photosensitizer, characterized in that said cured layer is formed by heat-treating a layer of a photosensitizer-containing addition reaction type silicone composition in a coating amount expressed in terms of solid content in the range of 0.01 to 0.2 g/m² at a temperature in the range of 40 to 120°C, followed by a treatment with ultraviolet ray irradiation.

2. The casting film for producing a ceramic green sheet according to Claim 1, wherein the substrate film comprises polyethylene terephthalate.

3. The casting film for producing a ceramic green sheet according to Claim 1 or 2, wherein the addition reaction type silicone composition comprises polydimethylsiloxane having a vinyl group as a functional group.

4. The casting film for producing a ceramic green sheet according to Claim 1 or 2, wherein the addition reaction type silicone composition comprises polydimethylsiloxane having a hexenyl group as a functional group.

5. The casting film for producing a ceramic green sheet according to Claim 1 or 2, wherein the addition reaction type silicone composition comprises a mixture of polydimethylsiloxane

having a hexenyl group as a functional group and polydimethylsiloxane having a vinyl group as a functional group.

6. A process which is used for the production of a casting film for producing a ceramic green sheet and which comprises the steps of equipping a substrate film with a photosensitizer-containing addition reaction type silicone composition thereon in a coating amount expressed in terms of solid content in the range of 0.01 to 0.2 g/m², thereafter heat-treating at a temperature in the range of 40 to 120°C, and irradiating the layer of the silicone composition with ultraviolet ray to cure the layer.